

# Converting Colors

Hex(26450E)

Have a look what the booklet for  
Hex(26450E) contains.

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# Color

**Hex(26450E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	26450E
RGB	38, 69, 14
RGB Percent	15%, 27%, 5%
CMY	0.8510, 0.7294, 0.9451
CMYK	0.45, 0.00, 0.80, 0.73
HSL	94°, 66%, 16%
HSV	94°, 80%, 27%
XYZ	3.0067, 4.7000, 1.1642
YIQ	53.4610, -0.8210, -23.6770

# Conversions

## Conversions Part 2

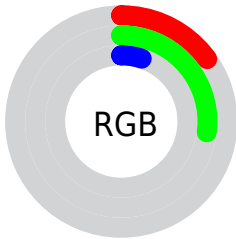
<b>Format</b>	<b>Color</b>
<b>RYB</b>	14, 69, 45
Decimal	2508046
CIELab	25.86, -22.31, 28.12
CIELCh	26, 35.891, 128.431
Yxy	4.7000, 0.3389, 0.5298
Android (android.graphics.Color)	4280698126 (0xFF26450E)
YUV	53.4610, -19.4543, -13.5593
Hunter-Lab	21.6795, -13.1832, 11.9918

# Details

The Hex color **26450E** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2D0E45**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **56763C**, and **001C00** is the 20% darker color. If you saturate the color by 10%, you get **224507**, and if you desaturate by 10%, it is **2A4515**.

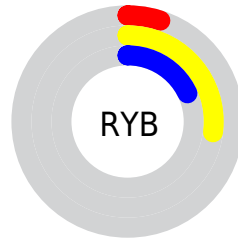
# Distribution



Red (15%)

Green (27%)

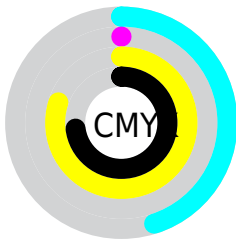
Blue (5%)



Red (5%)

Yellow (27%)

Blue (18%)

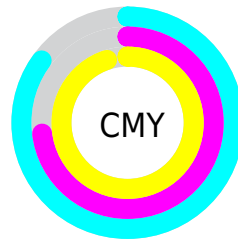


Cyan (45%)

Magenta (0%)

Yellow (80%)

Black (73%)



Cyan (85%)

Magenta (73%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 26450E changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 26450E by changing the saturation by 10% instead.



 26450E

 26450E

 FFFFF4

 112E00

 56763C

 001C00

 6F8F54

 000000

 89AA6C

 A4C586

 C0E1A1

 DCFEBC

 F9FFD8

 26450E

 26450E

■ 224507

■ 2A4515

■ 1E4500

■ 2E451C

■ 324523

■ 36452A

■ 394531

■ 3D4537

■ 41453E

■ 454545

■ 49454C

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



443E00



26450E



004928

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26450E



004570



6E2237

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26450E



2D0E45

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



642652



26450E



033E73

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26450E



00495F



483268



6A291D

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26450E



004A3B



483268



6C2240



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26450E



4D5944



452C0E



262E21



ADADAD



2E2E2E



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26450E



295904



0E4511



222420



2B6300



63E300



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



2D0E45



340459



450E42



222024



380063

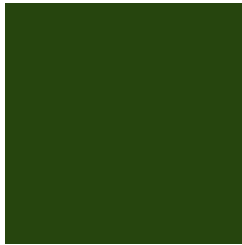


8000E3



# Previews

## White Background



This preview shows how the Hex color 26450E looks on a white background.

## Color Contrast Check

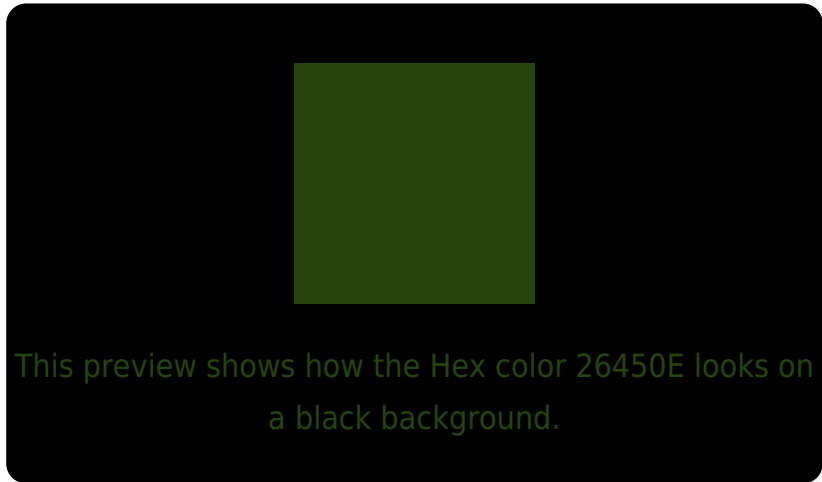
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

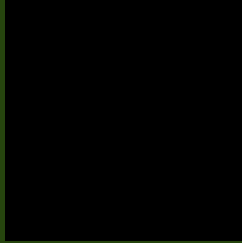
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 26450E Background



This preview shows how black text looks on a background with the Hex color 26450E.



This preview shows how white text looks on a background with the Hex color 26450E.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

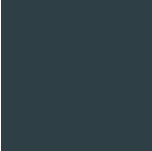
## Dichromacy



**Original Color**  
26450E

**Protanopia**  
453D0C

**Deuteranopia**  
4D3A13



**Tritanopia**  
2E4045

# Trichromacy



**Original Color**  
26450E

**Protanomaly**  
3A400D

**Deuteranomaly**  
3F3E11

**Tritanomaly**  
2B4231

# Monochromacy



**Original Color**  
26450E

**Achromatopsia**  
353535

**Achromatomaly**  
303B27

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 26450E is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #26450E looks like.

```
.text, #text, p{  
    color:#26450E  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #26450E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26450E
}
```

## Border

The CSS property to change the border of an element to Hex 26450E is called "border". The border property can be set on classes, ids or directly on the HTML element.

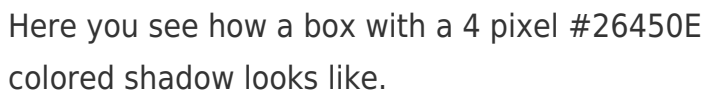
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#26450E }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#26450E }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #26450E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26450E; -webkit-box-shadow:4px 4px  
4px 4px #26450E; box-shadow:4px 4px 4px  
4px #26450E }
```

# Background

The CSS property to change the background color of an element to Hex 26450E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26450E }
```

If only the background color should be changed can be used:

```
.background{ background-color:#26450E }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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